

R/WY
continuation-in-part of application No. 08/111,296, filed on August 23, 1993. *now abandoned*
~~U.S. Patent~~

No. ~~5,523,999~~

IN THE CLAIMS

Please cancel claims 14-34.

Please amend claims 1 and 9 as follows.

1. (Amended) An electrical power supply for a thermokeratoplasty tip that can provide an indication of an electrical characteristic of a cornea, comprising:

an electrode pin;

a return pin; and,

a circuit that can provide a [[test]] current to said electrode pin and the cornea, and an indication of the electrical characteristic of the cornea in response to the [[test]] current flowing through the cornea and said electrode and return pins.

2. (Original) The power supply of claim 1, wherein the electrical characteristic is a function of a voltage at said return pin.

3. (Original) The power supply of claim 2, wherein the electrical characteristic is a time rate of change of the voltage at said return pin.

4. (Original) The power supply of claim 1, wherein said circuit provides a series of radio frequency test pulses to said electrode pin.

5. (Original) The power supply of claim 3, wherein a number of radio test pulses is less than a number of radio frequency operating pulses.